

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: January 7, 2002, 15:49:10 ; Search time 101.88 Seconds
(without alignments)
35.889 Million cell updates/sec

Title: us-08-569-749-9

Perfect score: 295
Sequence: 1 PEOLASAGFYVGRNDVYK.....CWESGDDPWVHAHAKFPFRC 48

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 219241 seqs, 7617452 residues

Total number of hits satisfying chosen parameters: 219241

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :
1: PIR.*
2: PIR2.*
3: PIR3.*
4: PIR4.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	283	95.9	618	2	S68450	apoptosis inhibitor
2	282	95.6	358	2	JC5964	apoptosis inhibitor
3	282	95.6	604	2	S68449	apoptosis inhibitor
4	198	67.1	268	2	T10304	inhibitor of apopt
5	198	67.1	268	2	A53989	apoptosis-inhibiti
6	195	66.1	298	3	JC7568	kidney inhibitor o
7	183	62.0	1447	2	T42628	neuronal apoptosis
8	182	61.7	275	2	A45679	inhibitor-of-apopt
9	178	60.3	1232	2	A56478	neuronal apoptosis
10	174	59.0	497	2	S69444	apoptosis inhibitor
11	156	52.9	496	2	S68452	apoptosis inhibitor
12	156	52.9	497	2	S69445	apoptosis inhibitor
13	119	40.3	150	2	T28408	ORF MSV248 probabl
14	118	40.0	286	2	D36828	ORF1 protein
15	117.5	39.8	486	2	T31027	BIR1 repeat contain
16	115	39.0	292	2	T41772	ORF1 orf17 - Bomby
17	111	37.6	275	2	T10310	probable apoptosis
18	110	37.3	208	2	T03183	apoptosis-inhibiti
19	104	35.3	997	2	T43523	apoptosis inhibitor
20	100	33.9	155	2	T30489	apoptosis inhibitor
21	79	26.8	155	2	T37471	apoptosis inhibitor
22	77	26.1	308	2	T37474	apoptosis inhibitor
23	71	24.1	234	2	T30427	apoptosis inhibitor
24	64.5	21.9	329	2	T28403	ORF MSV242 probabl
25	64.5	21.9	772	2	D96504	protein F9C16.25 f
26	62	21.0	287	2	T05358	hypothetical prote
27	58.5	19.8	743	2	T02147	hypothetical prote
28	58	19.7	556	2	A32466	numb protein - fru
29	57.5	19.5	156	2	A48886	8-oxo-7,8-dihydrog

30	57.5	19.5	555	2	B49918	scbC protein - Str
31	56	19.0	56	2	A38738	metallothionein -
32	56	19.0	281	2	T13340	probable lysin - S
33	55.5	18.8	702	2	T04191	hypothetical prote
34	55.5	18.8	1536	1	KGAR53	regulatory protein
35	55	18.6	92	2	S34802	embryonic abunda
36	55	18.6	92	2	S71372	embryonic abunda
37	55	18.6	625	2	T01929	probable cellulase
38	55	18.6	954	2	S57108	hypothetical prote
39	55	18.6	3229	2	S27852	probable cell-surf
40	54.5	18.5	249	2	H72858	apoptosis inhibitor
41	54.5	18.5	249	2	T41814	IAP2 orf71 - Bomby
42	54.5	18.5	415	2	C71467	probable tyrosine
43	54.5	18.5	547	2	A36046	collagen alpha cha
44	54.5	18.5	1170	1	TSHUP1	thrombospondin 1 p
45	54.5	18.5	1170	2	A40558	thrombospondin 1 p

ALIGNMENTS

RESULT 1
S68450
apoptosis inhibitor hlap-2 - human
C.Species: Homo sapiens (man)
C.Date: 17-Jul-1998 #sequence_revision 17-Jul-1998 #text_change 21-Jul-2000
C.Accession: S68450
R.Liston, P.; Roy, N.; Tamai, K.; Lefebvre, C.; Baird, S.; Chertom-Horvat, G.; Farahn
Nature 379, 349-353, 1996
M.Title: Suppression of apoptosis in mammalian cells by NAIP and a related family of
A.Reference number: A58182; MUID:96149249
A.Accession: S68450
A.Status: nucleic acid sequence not shown
A.Molecule type: mRNA
A.Residues: 1-618 cDNAs
A.Cross-references: EMBL:U45879; NID:g1184317; PIDN:ANCS0372.1; PID:g1184318
A.Function:
A.Description: apoptotic suppressor
A.Descripton: apoptotic suppressor
C:Superfamily: RING finger homology
C:Keywords: Apoptosis; zinc finger
F:567-611/Domain: RING finger homology <RNC>

Query Match 95.9%; Score 283; DB 2; Length 618;
Best Local Similarity 97.9%; Pred. No. 9.9e-26;
Matches 47; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 PEOLASAGFYVGRNDVYKFCDCGLRCWESGDDPWVHAHAKFPFRC 48
|||||
DB 287 PEOLASAGFYVGRNDVYKFCDCGLRCWESGDDPWVHAHAKFPFRC 334

RESULT 2
JC5964
apoptosis inhibitor - pig
C.Species: Sus scrofa domestica (domestic pig)
C.Date: 04-Sep-1998 #sequence_revision 04-Sep-1998 #text_change 02-Sep-2000
C.Accession: JC5964
R.Steinhilb, C.; de Martin, R.; Binder, B.R.; Lipp, J.
Biochem. Biophys. Res. Commun. 243, 827-833, 1998
A.Title: Cyclokin induced expression of porcine inhibitor of apoptosis protein (Iap)
A.Reference number: JC5964; MUID:96102622
A.Accession: JC5964
A.Status: preliminary
A.Molecule type: DNA
A.Residues: 1-358 cDNA
A.Cross-references: GB:U79142; NID:g2957174; PIDN:ACG9171.1; PID:g2957175
C:Superfamily: RING finger homology
F:307-351/Domain: RING finger homology <RRN>

Query Match 95.6%; Score 282; DB 2; Length 358;
Best Local Similarity 93.8%; Pred. No. 7.9e-26;

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